

### CLAIMS:

The new invention is a:

- 1) Process in which acid gases are utilized to produce P2O5 from phosphate rocks.
- 2) In the new invention/process, the produced P2O5 can be recovered by phosphoric acid solution.
- 3) In the new invention, the produced P2O5 can be recovered by water or a chemical solution containing other fertilizers, and/or animal feed supplement chemicals.

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